

Alter-HY

Alter-HY is IP thermal imaging core, resolution up to 640*512, VoX detector with 12μm pixel pitch, NETD≤35mK, advanced image algorithm AGC, IDE, 3D DNR, HDR etc, suitable for fixed & motorized lens, support action with alarm, abundant interfaces for convenient integration to the third party.



Superior environmental adaptability

Applicable for extreme weather including darkness, rain, fog, smog and etc.



Diverse network protocol

Support kinds of network protocol, HTTPS, FTP, DHCP, DNS, RTP etc.



Easy integration for security camera

Compact and lightweight product is easily integrated into the third party.



High resolution thermal image

Optional thermal image resolution with 284*288, 640*512, NETD less than 35mk.



Advanced image algorithm

Thermal imaging core has integrated AGC, IDE, HDR, 3D DNR image algorithm, which can always remain clear image.

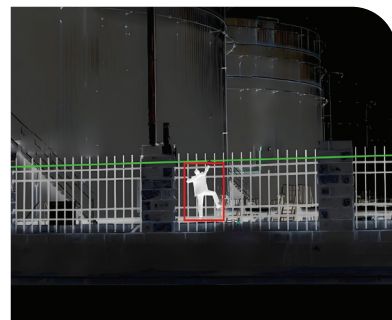
Applications



Fire detection



Voyage safety



Perimeter protection

Specifications

Detector	VOX Uncooled FPA
Resolution/Pixel pitch	640*512/384*288, 12μm
Spectral range	8~14μm
NETD	≤35 mK @F1.0, 300K
Focal Length	Fixed: 25mm, 35mm, 50mm; Motorized: 25mm, 35mm, 50mm, 75mm Zoom: 25-75mm, 30-150mm etc.

Network

Protocol	TCP/IP,ICMP,HTTP,HTTPS,FTP,DHCP,DNS,RTP,RTSP,RTCP,NTP,SMTP,SNMP,IPv6
Video compression	H.265 / H.264
API	ONVIF(PROFILE S,PROFILE G) , GB28181-2016, SDK

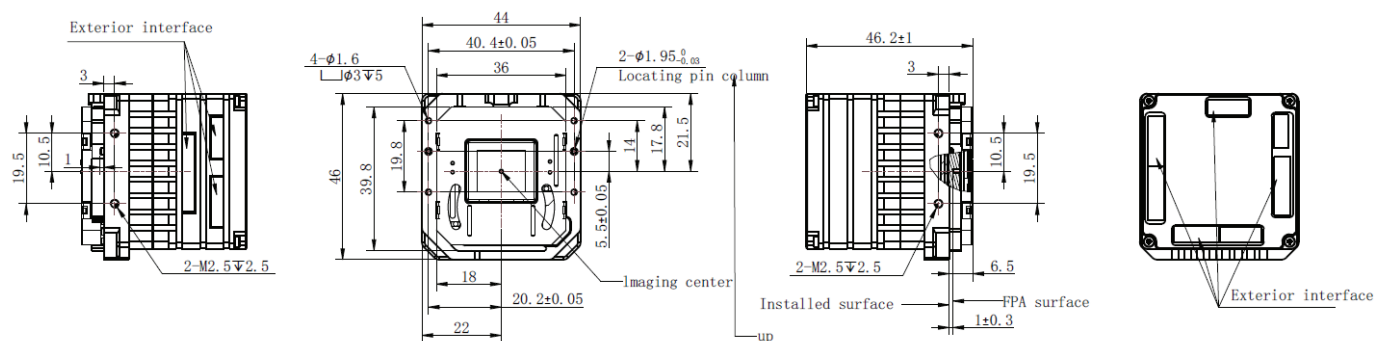
Image Effect

Image adjusting	Contrast & brightness & acutance
Palette	Optional 11 kinds pseudo color
Image enhancement	Yes
Image correction	Yes
3D DNR	Yes
Mirror image	Yes

General

Ethernet port	RJ45 10 M/100 M self-adaptive Ethernet
Analog output	CVBS
Serial port	1x ch RS232, 1x ch RS485
Other port	1x ch Alarm input/output, 1x ch Audio input/output, 1x ch USB
Storage	Micro SD/SDHC /SDXC(256G) offline for local storage, NAS(NFS,SMB/CIFS)
Working temperature & humidity	-30°C~60°C, < 90%
Power adapter	DC12V±10%
Power consumption	3.5W
Size	56.8*43*43 (w/o lens)
Weight	121g (w/o lens)

Dimension



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